

Notice of Allowability

Application No.

10/082,864

Examiner

Greg Bengzon

Applicant(s)

CORDSMEYER ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/14/2006.
2. ☒ The allowed claim(s) is/are 14-19, renumbered 1-6 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Allowable Subject Matter

Claims 14-19 are allowed.

The following is an examiner's statement of reasons for allowance:

The provision for a fault message purge procedure, comprising --
expunging a predetermined number of the rows in the database at the end of a current period; by determining the predetermined number prior to beginning the step of expunging by determining a rate at which the messages are being stored in the database for the current period, a size of the rows in the database, the finite amount of memory allocated for storing the messages in the database, a period at which the computer code is executed, and a period of time for which information relating to the faults is retained in the database;

applying a purge script that specifies that the predetermined number of the rows to be expunged is 45,000 where the rate at which the messages are stored in the database is 15 per second, the size of the rows in the database is 1.5 kilobytes, the finite amount of memory allocated for storing the messages in the databases is 5 gigabytes, the period at which the computer code is executed is once per hour, and the period of time for which information relating to the faults is to be retained is 10 days, the purge script further specifying that when the rate at which the messages are stored in the database increases to 50 per second for the current period, then the predetermined number is increased to 1,500,000 and counting each message saved and expunged

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from the memory during a time period, wherein the count of saved and expunged messages are utilized for performance analysis — wherein all the features previously described are combined in one singular embodiment, is not fairly taught or suggested by the prior art of record.

The Examiner finds particular novelty in the purge script described in the Applicant Specification (page 5 Paragraph 12) wherein the said purge script detects when the rate at which the messages are stored in the database increases to 50 per second for the current period, then the predetermined number [of rows for purging] is increased to 1,500,000 [rows].

Neither Groath nor Dempsey disclose wherein a purge script detects when the rate at which the messages are stored in the database increases to 50 per second for the current period, at which the predetermined number [of rows for purging] is increased to 1,500,000 [rows].

Lawrence disclosed a dynamically adjustable and configurable garbage collector but does not disclose wherein a purge script detects when the rate at which the messages are stored in the database increases to 50 per second for the current period, at which the predetermined number [of rows for purging] is increased to 1,500,000 [rows].

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Morris disclosed a method of reclaiming memory space but does not disclose a purge script that detects when the rate at which the messages are stored in the database increases to 50 per second for the current period, at which the predetermined number [of rows for purging] is increased to 1,500,000 [rows].

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please refer to the enclosed PTO-892 form.

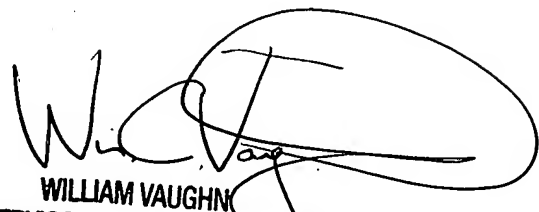
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Bengzon whose telephone number is (571) 272-3944. The examiner can normally be reached on Mon. thru Fri. 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on (571)272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

gcb



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